QE
701
P347

VOLUME 17

Palaeontology

1974

PUBLISHED BY THE
PALAEONTOLOGICAL ASSOCIATION
LONDON

Dates of publication of parts of Volume 17

Part 1, pp. 1–202, pls. 1–27	April 1974
Part 2, pp. 203–440, pls. 28–59	September 1974
Part 3, pp. 441–728, pls. 60–105	October 1974
Part 4, pp. 729–971, pls. 106–126	November 1974

THIS VOLUME EDITED BY ISLES STRACHAN, ROLAND GOLDRING, J. D. HUDSON, D. J. GOBBETT, L. R. M. COCKS, C. P. HUGHES AND J. W. MURRAY

Dates of publication of Special Papers in Palaeontology

Special Paper No. 13	October 1974
Special Paper No. 14	December 1974

© *The Palaeontological Association, 1974*

Printed in Great Britain
at the University Press, Oxford
by Vivian Ridler
Printer to the University

139

CONTENTS

	Part	Page
ADAMS, C. G. and BELFORD, D. J. Foraminiferal biostratigraphy of the Oligocene–Miocene limestones of Christmas Island (Indian Ocean)	3	475
ALVIN, K. L. Leaf anatomy of *Weichselia* based on fusainized material	3	587
ANDREWS, H. N., GENSEL, P. G. and FORBES, W. H. An apparently heterosporous plant from the Middle Devonian of New Brunswick	2	387
BASSETT, M. G. Review of the stratigraphy of the Wenlock Series in the Welsh Borderland and South Wales	4	745
BELFORD, D. J. See ADAMS, C. G.		
BRUNTON, C. H. C. and CHAMPION, C. A Lower Carboniferous brachiopod fauna from the Manifold Valley, Staffordshire	4	811
BURTON, C. J. and ELDREDGE, N. Two new subspecies of *Phacops rana* [Trilobita] from the Middle Devonian of North-West Africa	2	349
CALEF, C. E. and HANCOCK, N. J. Wenlock and Ludlow marine communities in Wales and the Welsh Borderland	4	779
CAMPBELL, K. S. W. See HOLLOWAY, D. J.		
CHALONER, W. G., MENSAH, M. K. and CRANE, M. D. Non-vascular land plants from the Devonian of Ghana	4	925
CHAMPION, C. See BRUNTON, C. H. C.		
CHOLICH, T. DEL C. See WHATLEY, R. C.		
CRANE, M. D. See CHALONER, W. G.		
DAILY, B. See JAGO, J. B.		
DAVEY, R. J. and VERDIER, J.-P. Dinoflagellate cysts from the Aptian type sections at Gargas and La Bédoule, France	3	623
EDWARDS, D. and RICHARDSON, J. B. Lower Devonian (Dittonian) plants from the Welsh Borderland	2	311
ELDREDGE, N. See BURTON, C. J.		
FEDOROWSKI, J. The Upper Palaeozoic tetracoral genera *Lophophyllidium* and *Timorphyllum*	3	441
FINCH, E. M. An improved method of mounting palaeontological specimens for SEM examination	2	431
FORBES, W. H. See ANDREWS, H. N.		
FORTEY, R. A. A new pelagic trilobite from the Ordovician of Spitsbergen, Ireland, and Utah	1	111
FÜRSICH, F. T. See PALMER, T. J.		
GENSEL, P. G. See ANDREWS, H. N.		
GOLDRING, R. and KAŹMIERCZAK, J. Ecological succession in intraformational hardground formation	4	949
HANCOCK, N. J. See CALEF, C. E.		
HARRIS, T. M. *Williamsoniella lignieri*: its pollen and the compression of spherical pollen grains	1	125
HOLLOWAY, D. J. and CAMPBELL, K. S. W. The Silurian trilobite *Onycopyge* Woodward	2	409
HOWARTH, M. K. The Lower Cretaceous ammonite genera proposed by C. Jacob in 1907	3	727
HURST, J. M. Selective epizoan encrustation of some Silurian brachiopods from Gotland	2	423
HURST, J. M. See FÜRSICH, F. T.		
JAGO, J. B. and DAILY, B. The trilobite *Clavagnostus* Howell from the Cambrian of Tasmania	1	95
JELL, J. S. See PICKETT, J. W.		
JENKINS, R. J. F. A new giant penguin from the Eocene of Australia	2	291
—— A new spider-crab from the Miocene of New Zealand	4	869
JENKINS, T. B. H. Lower Carboniferous conodont biostratigraphy of New South Wales	4	909

	Part	Page
JOHNSON, J. G. Affinity of Dayiacean brachiopods	2	437
KAŹMIERCZAK, J. Lower Cretaceous sclerosponge from the Slovakian Tatra Mountains	2	341
KAŹMIERCZAK, J. See GOLDRING, R.		
KRASSILOV, V. A. *Podocarpus* from the Upper Cretaceous of Eastern Asia and its bearing on the theory of conifer evolution	2	365
LAING, J. F. A specimen location technique for SEM strew mounts	2	435
LAURITZEN, Ø. New microfossils from the Silurian (Llandovery, stage 6) of the Oslo Region, Norway	3	707
LEVINTON, J. S. Trophic group and evolution in bivalve molluscs	3	579
LINDSTRÖM, M. The conodont apparatus as a food-gathering mechanism	4	729
LORD, A. Ostracods from the Domerian and Toarcian of England	3	599
MACKINNON, D. I. and WILLIAMS, A. Shell structure of Terebratulid brachiopods	1	179
MCLEAN, D. M. Two new Paleocene dinoflagellates from Virginia and Maryland	1	65
MCLEAN, R. A. Chonophyllinid corals from the Silurian of New South Wales	3	655
MAGLIO, V. J. A new proboscidean from the late Miocene of Kenya	3	699
MATTHEWS, S. C. and THOMAS, J. M. Lower Carboniferous conodont faunas from north-east Devonshire	2	371
MENSAH, M. K. See CHALONER, W. G.		
MOODY, R. T. J. See WALKER, C. A.		
OWENS, R. M. The affinities of the trilobite genus *Scharyia*, with a description of two new species	3	685
PALMER, C. P. A new genus of Jurassic bivalve mollusc ancestral to *Globocardium*	1	165
PALMER, T. J. and FÜRSICH, F. T. The ecology of a Middle Jurassic hardground and crevice fauna	3	507
PATON, R. L. Capitosauroid labyrinthodonts from the Trias of England	2	253
—— Lower Permian pelycosaurs from the English Midlands	3	541
PENN, I. E. The production of stratigraphical range-diagrams by automatic methods	3	553
PICKETT, J. W. and JELL, J. S. The Australasian tabulate coral genus *Hattonia*	3	715
PRICE, D. Trilobites from the Sholeshook Limestone (Ashgill) of South Wales	4	841
RASUL, S. M. The Lower Palaeozoic acritarchs *Priscogalea* and *Cymatiogalea*	1	41
RICHARDSON, J. B. See EDWARDS, D.		
RIDING, R. The Devonian genus *Keega* (Algae) reinterpreted as a stromatoporoid basal layer	3	565
RIVA, J. A revision of some Ordovician graptolites of eastern North America	1	1
SADLER, P. M. Trilobites from the Gorran Quartzites, Ordovician of south Cornwall	1	71
TAVENER-SMITH, R. Early growth stages in rhabdomesoid bryozoans from the Lower Carboniferous of Hook Head, Ireland	1	149
THOMAS, B. A. The lepidodendroid stoma	3	525
THOMAS, J. M. See MATTHEWS, S. C.		
VERDIER, J.-P. See DAVEY, R. J.		
WALDMAN, M. Megalosaurids from the Bajocian (Middle Jurassic) of Dorset	2	325
WALKER, C. A. and MOODY, R. T. J. A new trionichid turtle from the Lower Eocene of Kent	4	901
WEBBY, B. D. Upper Ordovician trilobites from central New South Wales	2	203
WHATLEY, R. C. and CHOLICH, T. DEL C. A new Quaternary Ostracod genus from Argentina	3	669
WILLIAMS, A. See MACKINNIN, D. I.		